

# PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

## SERIES C. JOURNAL OF MEETINGS

VOLUME 20.

No. 12, 1955

### REPORT OF THE COUNCIL, 1955

The Council is pleased to be able to report that the Fellowship of the Society has continued to increase during the past year. The total number of Fellows is now 1173, a number made up of 21 Honorary Fellows and 1152 Ordinary Fellows and is a net increase of 35 (53)\* for the year.

During the year 98 (114) Ordinary Fellows were elected and of these 65 completed their obligation by the 31st December, while 15 Fellows elected in 1954 completed their obligation in 1955. Of the 80 new Fellows, 25 were under the age of 25 at the date of election and so were exempt from the payment of the entrance fee.

The Society has lost by death one Honorary Fellow (Dr. R. C. L. Perkins) and 15 (16) Ordinary Fellows, namely: H. W. Andrews, C. B. Antram, A. E. Brookes, P. A. Buxton, H. Dinnage, F. T. Gilliat, C. H. N. Jackson, J. R. J. Ll. Jones, M. G. Palmer, A. W. Rymer Roberts, A. G. B. Russell, I. H. Welsh, Mrs. I. M. T. Welti, G. S. Woodcock and G. C. Woodward.

In addition 18 (15) Fellows have resigned, namely: H. E. J. Biggs, J. Y. Brown, E. Dearing, R. A. L. Dibb, F. L. Hatcher, Mrs. E. W. Howarth, B. M. Jones, F. R. Jones, Mrs. J. Kenten, K. P. Lamb, J. McGarvey, F. Moriarty, J. H. Murgatroyd, J. L. Palmer, D. R. Rosevear, F. Stanley-Smith, Mrs. J. M. Stein and R. V. Wadsworth; 11 (22) Fellows have been removed from the List in accordance with the Bye-Laws: S. el Abul-Nasr, H. R. Binns, J. J. du Bois, G. R. Evans, J. R. Harris, R. O. Jarvis, Soong Min Kong, M. L. Purohit, B. P. Singh, K. Tod, M. A. Wynter-Blyth.

Eleven Ordinary Meetings were held during the year. The average attendance was 95, an appreciable increase, for the average for London meetings in the preceding year was 90. This high average was reached in spite of an attendance of only 51 at the June meeting, during the railway strike, and a rather low attendance at the extra meeting in September. The new air-conditioning plant was brought into use early in the year and has added appreciably to the comfort of Fellows attending meetings. In addition, the upholstery of the benches in the Meeting Room has been completed.

Publications form perhaps the most important part of the Society's work and in this field the year was marked by the publication of two volumes of the *Transactions* in addition to the three series of *Proceedings*. The additional volume (Vol. 107) of the *Transactions* took the form of a collection of essays and scientific

\* Numbers in brackets throughout the Report are the corresponding figures for last year.



papers published in honour of Dr. Karl Jordan. This volume consisted of 402 pages and included a biography of Dr. Jordan, letters of appreciation and seven essays of appreciation of Dr. Jordan's work in various fields of entomology, a bibliography of Dr. Jordan's published works and twenty scientific papers mainly on subjects related to Dr. Jordan's own work. The volume is illustrated by a frontispiece, eleven half-tone plates and many text figures. Council is grateful to Lord Rothschild for paying the cost of the two half-tone plates which illustrated his paper. The volume was published on the 6th December, 1955 and was presented to Dr. Jordan at a meeting held on the following day, which was Dr. Jordan's 94th birthday.

Volume 106 of the *Transactions* is made up of 556 pages and 13 papers, four of which deal with Diptera, two with Coleoptera, two with Lepidoptera, one with Aphids, one with Orthoptera, one with Odonata, one with Hymenoptera and one with General Entomology. The volume is illustrated by one coloured plate, seven half-tone plates and many text figures. Thanks are due to Dr. Higgins who paid the costs connected with the printing of the coloured and half-tone plates illustrating his paper; to the Royal Society for a grant from the Government Grant-in-Aid which covered the cost of printing Dr. Hinton's paper; to the Department of Scientific and Industrial Research for a contribution towards the cost of illustrating the paper by C. W. Coombs and G. E. Woodroffe; the University of Aberdeen and the Carnegie Trust for contributions towards the cost of illustrations for the paper by J. R. T. Short and to the Department of Agriculture, Ottawa, for a grant towards the cost of publishing the paper by J. A. Downes on *Culicoides*.

Volume 30 of *Proceedings Series A* consists of 175 pages and contains 25 papers illustrated by one plate and numerous text figures.

Volume 24 of *Proceedings Series B* contains 35 papers amounting to 224 pages and is illustrated by 2 plates in addition to many text figures.

A part of *Proceeding Series C* has been sent to every Fellow in advance of meetings and a complete volume will be issued with the last part.

No part of the series of *Handbooks for the Identification of British Insects* has been published this year, but a new edition of Volume 1, Part 5, Orthoptera, by W. D. Hincks is in the press and several other parts are almost ready for publication.

The use of the Library has decreased during the year. The total number of loans was 1604 compared with 2002 in the previous year, while the number of borrowers was 851 (1075). 105 (131) books were lent to the National Central Library. Good progress has been made with the important work of cataloguing the Society's collection of separates.

Matters concerning the Society's finances and the maintenance and improvement of the house have been dealt with by the Finance and House Committee under the Chairmanship of Dr. K. Mellanby. The Publication and Library Committee has continued to meet under the Chairmanship of Mr. Paul Freeman. It has been decided that this Committee shall meet three times, instead of twice, in the coming year, in order to reduce the delay in informing authors of the Committee's decisions in those cases where manuscripts are submitted well in advance of the closing dates.

The Committee for the Protection of British Insects met under the Chairmanship of Mr. H. M. Edelsten, who has also represented the Society on the local Committee of Management of Wicken Fen. Council wishes to take this opportunity of making an appeal for support of the Wicken Fen Fund, the income of which has shown a marked decrease in the past year.

It has been decided that there is no longer any necessity to keep a standing Committee on Nomenclature. The Nomenclature Committee has therefore

been dissolved with the understanding that a new Committee can be set up should the need arise.

The Council is grateful to the members of the Committees for their valuable services to the Society.

After careful consideration, the Council has decided with regret that in present circumstances it is not desirable to widen the Society's field of activity to include the Arachnida. It is impossible to contemplate the publication of works on Arachnida at a time when the amount of work on insects offered for publication is increasing so rapidly.

The Commonwealth Institute of Entomology, which had been a tenant in the Society's house for thirty-four years, moved to new premises in June. The Society has now expanded to occupy the second floor and the basement, while new tenants, the Mineralogical Society and the Institute of Biology, have moved into the third and fourth floors respectively. The acquisition of additional space is very welcome and will allow the Society to expand the Library and to reassemble stocks of publications which have been stored elsewhere for many years.

The only changes in the representation of the Society on other bodies has been the replacement, at his own request, of Mr. Edelsten by Mr. N. D. Riley as the Society's representative on the National Trust.

The Editor, Professor F. Balfour-Browne and Dr. H. E. Hinton represented the Society at the Bristol Meeting of the British Association. The Secretary and Editor represented the Society at a meeting called by the Royal Society to review the present abstracting services serving the biological sciences.

The Society was represented at the Centenary celebrations of the Belgian Entomological Society by Mr. Riley.

The ciné-camera which is available to Fellows on loan was used by Dr. E. B. Edney on a desert expedition in Algeria.

The Society's Librarian, Miss M. A. Abley, resigned in May to take an appointment at St. Anthony's College, Oxford, and Miss E. M. Page was appointed to the post of Librarian in July.

Apart from the reduction in the use of the Library, which may have been associated with the absence of a Librarian and the delay in the appointment of a successor and should, therefore, be temporary, the measurable activities of the Society, the number of Fellows, amount of publication and attendance at meetings, have all shown a satisfactory increase during the past year and Council hopes that Fellows will agree that 1955 has been a year of progress in the Society's affairs.



## TREASURER'S REPORT

Dr. N. E. Hickin said :

Your Treasurer must confess at the beginning of this report that the year 1955 was entered with some forebodings with regard to the financial position of our Society. We had heavy publication commitments—that part of our income derived from the tenancy of the second floor of this house we should lose—and we were not at all sure that we should find suitable tenants for our third and fourth floors.

On the other hand, from the point of view of our income it seemed too much to hope that the volume of our publications sales would remain at the high level attained. Indeed we could not but show a deficit in our budget.

After these remarks you will, therefore, be gratified to learn that such pessimism was unjustified and the accounts that I put before you this afternoon for the year ended 31st December, 1955, and audited by our old friends W. B. Keen & Co., show an excess of income over expenditure of £95—this after accomplishing those things which the Society set out to do during the year.

Now let me enlarge on some of the details given in our Balance Sheets. In the General Fund, the income shows a record for the Society mainly due to the high income from the sales of our publications and it is very pleasing to note that more than £900 is accounted for by sales of the Jordan Volume (in fact at this very moment the sales stand at about £1000), but even if we do not include the income from the Jordan Volume, the figure for the sales of publications still remains a record. It must be a source of much pleasure to Fellows that our Society's publications stand in such high regard that they are essential to all libraries throughout the world dealing seriously with entomology.

In the year under review, as you have already heard from Council's report, an extremely high publication output was accomplished, and to do this a transfer of £500 from the Special Publication Fund was made, and nearly £900 was available from grants for publications, part of the latter being held over from 1954. These sums were, of course, in addition to the normal allocation from our current income.

Of course I need hardly say that we *spent* a record amount, but I am sure that, on examination, the items of expenditure will reveal nothing but common-sense housekeeping ; but I must call attention to the extremely heavy cost of printing and stabilisation seems never to be reached. If we could now review the separate funds of the Society you will see that in the Library Fund we spent about £300 on the purchase of books, slightly less than last year, and the figure of £120 for binding, repairs and insurance, is also slightly less than the £131 spent during 1954 ; but in the Repairs and Improvements Fund, no less a figure than £1321 is given on the expenditure side. This is made up of a number of items the chief of which were due to the installation of a new boiler for the central heating, and a considerable quantity of wooden shelving purchased from the Commonwealth Institute of Entomology for the housing of our stocks of the Society's publications which have for some years been housed elsewhere.

A number of items of expenditure shown against this Fund were due to the change of tenancy of the upper floors of this house. Redecoration of the third and fourth floors is now completed, and the redecoration of that part of the house occupied by our Society is due this year, and suitable allocations have been made from our income to meet this—in fact the amount standing in the Balance Sheet to the credit of the Fund is £758.

£500 was taken from the Special Publications Fund during the year from the £593 which it contained, to help finance the Jordan volume, as given above.

With regard to the Handbooks of British Insects Fund, although no new handbooks have appeared during the year, it is pleasing to report a sales figure of £470—the sale, of course, of handbooks already published. A number of handbooks are expected to be published during the present year, although no new handbooks appeared during 1955. There is now £1136 in this fund to finance these parts now coming up for publication.

Now I would like to refer to a number of matters concerning the year's work of the Finance and House Committee, the result being shown in the accounts before you.

A pension scheme for the Society's staff was instituted, a proportion of the contribution being borne by the Society. You will agree that the Society must meet the obligations of a good employer.

The changes of tenancy which have been mentioned concerning the third and fourth floors of the house will, of course, involve the Society in loss of income because the second floor has been taken over by the Society; during 1955 the loss of income was £157 but in 1956 the loss will be about £220.

During 1955 the Investment Sub-Committee was formed. Council subsequently confirmed its recommendations and they have now been acted upon. This has involved the sale of some of our investments and the purchase of others, and although a loss is shown on the sales, an increase of £60 per annum in income is expected.

Income tax recovered in respect of covenanted subscriptions was £194 in 1954, but the 1955 figure is £263—quite a substantial increase. Even so, the Officers believe that this figure could be further improved. This is a way in which many fellows could help the Society carry on its important work.

Now finally I come to that part of my report which gives me extra pleasure to submit to you. This concerns my thanks to the other Officers and staff of the Society for their very valuable help in contributing to this very successful year in the Society's history.

May I say to the President—Thank you very much for that remarkable fund of goodwill which makes all things possible.

I am very grateful—indeed I am sure we all are—to our Secretary, who has given so much of his time so willingly to all the varied problems of our Society.

Our Editor has carried out what amounts to a herculean task of Editorship during the year past and, in view of the number of *Handbooks* contemplated for 1956, seems irrepressible.

Finally, perhaps the greatest load of all has fallen on to the shoulders of our Registrar, who, at times desperately short staffed in Library and Office, and with Institutes moving out and Institutes moving in, has carried on with stoic indifference to the calls on her patience.

Thank you very much indeed.

I now put the audited Accounts for the year 1955 and the Accounts of the Wicken Fen Fund and Committee for the Protection of British Insects in front of you that they may be examined by you at the close of the meeting.



# THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON STATEMENT OF INCOME AND EXPENDITURE for the Year ended 31st December, 1955. (Presented at the Annual Meeting, 1st February, 1956.)

## GENERAL FUND.

INCOME.			EXPENDITURE.		
1954.	£	s. d.	1954.	£	s. d.
To Subscriptions—			By House Expenses—		
121	£	184 15 11	Wages	500	451 8 7
3,132	..	3,253 17 2	Superannuation Contributions	..	24 0 3
157	..	108 11 0	Fuel, Gas and Electric Light	..	155 0 8
3,420	..	3,547 4 1	Insurance	..	59 15 5
150	..	125 0 0	Water	..	26 5 10
3,270	..	3,422 4 1	Repairs and Improvements Fund—	..	..
3,395	..	3,422 4 1	Transfer	200	1,200 0 0
125	..	100 0 0	Miscellaneous	63	100 7 6
3,923	..	5,017 6 6	Office and Meeting Expenses—	..	2,016 13 3
4,404	..	770 0 0	Salaries	1,992	2,090 13 10
532	..	492 0 0	Superannuation Contributions	10	99 3 9
373	..	255 18 10	Printing and Stationery	154	151 9 10
905	..	747 18 10	Postage and Telephone	208	173 10 6
58	..	25 0 0	Office Equipment	55	75 11 6
—	..	11 11 0	Legal Expenses	10	26 11 0
	..	..	Audit Fee	63	63 0 0
	..	..	Conversazione	195	—
	..	..	Films for Ciné-Camera	35	—
	..	..	Miscellaneous	143	167 4 5
	..	..	Less Proportion of Salaries, Stationery and Postage allocated to <i>Handbooks of British Insects</i> ..	2,835	2,847 4 10
	..	..	Library Fund—	2,610	200 0 0
	..	..	Transfer	225	2,647 4 10
	..	..	Ditto Value of Exchanges	469	419 18 0
	..	..	Publications—	950	770 0 0
	..	..	Less Grants and Donations	5,197	1,189 18 0
	..	..	Transfer from Special Publications Fund	40	6,681 14 3
	..	..	Westwood Bequest ..	14	..
	..	..	Donations—	54	1,391 19 4
	..	..	<i>Zoological Record</i>	5,143	5,289 14 11
	..	..	International Trust for Zoological Literature	25	25 0 0
	..	..	Widened Fen Fund	25	25 0 0
	..	..	British Co-ordinating Committee for Nature Conservation	5	5 0 0
	..	..	World Health Organisation	3	3 0 0
	..	..	Excess of Income over Expenditure for year carried to Balance Sheet ..	58	60 2 0
	..	..		77	95 3 7
	..	..		£9,863	£11,299 1 7

# STATEMENT OF INCOME AND EXPENDITURE for the Year ended 31st December, 1955.

[illegible]

	INCOME.		EXPENDITURE.	
	£	s. d.	£	s. d.
1954			1954.	
T <sub>o</sub> General Fund—Transfer	200	.. .. .	By Repairs and Improvements, ..	.. .. .
" Amount recoverable from Sub-Tenants in respect of	—	1,200 0 0	" Excess of Income over Expenditure for year carried to	.. .. .
" Dilapidations	—	.. .. .	" Balance Sheet	.. .. .
" Excess of Expenditure over income for year carried to	2,051	516 10 0		.. .. .
" Balance Sheet	—	.. .. .		.. .. .
		£1,716 10 0		£1,716 10 0
	2,051			£2,251
				£1,716 10 0

SPECIAL PUBLICATIONS FUND.					
INCOME.			EXPENDITURE.		
1954.	1954.		1954.		
£	s.	d.	£	s.	d.
To Sales	..	..	By Transfer to General Fund	..	..
„ Excess of Expenditure over Income for year carried to	..	..	„ Excess of Income over Expenditure for year carried to	..	..
Balance Sheet	..	..	Balance Sheet	..	..
—	..	..		..	..
£3	£3		£3	£500	0 0

HANDBOOKS OF BRITISH INSECTS.					
	INCOME.		EXPENDITURE.		
1954. £	s.	d.	£	s.	d.
To Sales .. .. .	..	..	By Printing .. .. .	..	..
" Excess of Expenditure over Income for year carried to .. .. .	..	..	" Proportion of Salaries, Stationery and Postage .. .. .	..	..
" Balance Sheet .. .. .	..	..	" Excess of Income over Expenditure for year carried to .. .. .	..	..
39	..	..	Balance Sheet .. .. .	..	..
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
£1,282	470	6 2	£1,096	43	0 5
39	—	— —	225	200	0 0
	—	—	—	227	5 9
	£470	6 2		£470	6 2
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
£1,321	£1,321				







## BALANCE SHEET, 31st December, 1955.

LIBRARY FUND.		
£	s.	d.
1,588	6	3
32	10	0
<p>EXCESS OF ASSETS OVER LIABILITIES—  As at 31st December, 1954  Add Excess of Income over Expenditure for year to date</p>		
1,620	16	3
<p>Library Furniture and Fittings  Library Books (valued at £22,000)  Investments at cost—  £200 8% Savings Bonds 1955/65  £1,079 5s. 5d. 3% Funding Loan 1959/69  £250 3% War Stock  (Market Value at date £1,303.)  Insurance Premiums prepaid  Balance at Bank—Current Account</p>		
£1,620	16	3

REPAIRS AND IMPROVEMENTS FUND.						
	£	s.	d.	£	s.	d.
EXCESS OF ASSETS OVER LIABILITIES—						
As at 31st December, 1954 .. .. .	362	16	1			
Less Excess of Income over Expenditure for year to date .. .. .	395	8	9			
				758	4	10
				<u>£758</u>	<u>4</u>	<u>10</u>

[illegible]

HANDBOOKS OF BRITISH INSECTS.										
	£	s.	d.	£	s.	d.		£	s.	d.
Sundry Creditors	..	..	..	18	10	8	Investment at cost—	..	..	..
EXCESS OF ASSETS OVER LIABILITIES—							100 Hudsons Bay Co. £1 Ordinary Shares	..	..	813 5 3
As at 31st December, 1954	..	..	..	909	6	0	( <i>Market Value at date £310.</i> )	..	..	..
And Excess of Income over Expenditure for year to date	..	..	..	227	5	9	Stock of Publications	..	..	(not valued)
							Sundry Debtors for Publications valued at	..	..	125 0 0
							Balance at Bank—Current Account	..	..	216 17 2
								£1,155	2	5

## BALANCE SHEET, 31st December, 1955.

CAPITAL RESERVE FUND.			
	£	s.	d.
<b>EXCESS OF ASSETS OVER LIABILITIES—</b>			
As at 31st December 1954	9,649	18	2
Add Admission Fees received during year	100	13	0
Interest on Investments	434	17	5
	10,185	8	7
<b>Less Transfer to General Fund Income and Expenditure Account—</b>			
Interest on Investments	£434	17	5
Loss on sale of Investments	732	4	9
	1,167	2	2
	9,018	6	5
<b>Staff Provident Fund—</b>			
As at 31st December, 1954	608	2	11
	9,626	9	4
	£9,626	9	4

THE HUGH MAIN FUND FOR THE ADVANCEMENT OF ENTOMOLOGY.

	£	s.	d.		£	s.	d.
<b>EXCESS OF ASSETS OVER LIABILITIES—</b>							
As at 31st December, 1954 .. .. .	..	12,827	8	10			
Add Interest received during year on Investments .. .. .	..	463	3	3			
		<u>13,290</u>	<u>12</u>	<u>1</u>			
<b>Less Transfer to General Fund Income and Expenditure Account—</b>							
Interest on Investments .. .. .	..	£463	3	3			
Loss on sale of Investment .. .. .	..	134	7	3			
		<u>597</u>	<u>10</u>	<u>6</u>			
					<u>12,693</u>	<u>1</u>	<u>7</u>
							<u>£12,693    1    7</u>
Investments— Transferred by Trustees—at Market Value at date of transfer—							
£400 3% Savings Bonds 1960/70 .. .. .					..	384	0     0
£4,000 3% British Electricity Stock 1968/73 .. .. .					..	3,596	17    8
£5,000 3% British Electricity Stock 1974/77 .. .. .					..	4,100	0     0
Investments by Society—at cost—							
£872 28. 6d. 2½ Consols .. .. .					..	622	12    5
1,740 Courtaulds Ltd. £1 Ordinary Stock Units ( <i>Market Value at date £11,711.)</i> ) .. .. .					..	3,902	17    6
Income Tax Post-War Credit Certificates .. .. .					..		
						<u>12,608</u>	<u>7    7</u>
							<u>89   14   0</u>
							<u>£12,693    1    7</u>





# THE COMMITTEE FOR THE PROTECTION OF BRITISH INSECTS.

## RECEIPTS AND PAYMENTS ACCOUNT for the year ended 31st December, 1955.

RECEIPTS.		PAYMENTS.	
	£ s. d.		£ s. d.
To Balance at Bank 1st January, 1955	.. .. 36 8 10	By Oxshott Heath Conservators 1954 and 1955	.. .. 10 0 0
„ Donations .. ..	.. .. 3 3 0	„ Preservation of <i>J. asynar badanus</i>	.. .. 5 0 0
		„ Balance at Bank 31st December, 1955	.. .. 24 11 10
	<u>£39 11 10</u>		<u>£39 11 10</u>

(Sgd.) H. M. EDELSTEIN, Hon. Treasurer.  
 We have audited the above account of Receipts and Payments and certify it to be correct.  
*Finbury Circus House,*  
*Blomfield Street,*  
*London, E.C.2.*  
 18th January, 1956.

(Sgd.) W. B. KEEN & Co.,  
 Chartered Accountants.

# THE ROYAL ENTOMOLOGICAL SOCIETY WICKEN FEN FUND.

## RECEIPTS AND PAYMENTS ACCOUNT for the year ended 31st December, 1955.

RECEIPTS.		PAYMENTS.	
	£ s. d.		£ s. d.
To Donations .. ..	.. .. 53 7 0	By Printing, Stationery and Postage	.. .. 5 14 4
		„ Donation to the National Trust	.. .. 47 12 8
	<u>£53 7 0</u>		<u>£53 7 0</u>

(Sgd.) H. M. EDELSTEIN, Hon. Treasurer.  
 We have audited the above account of Receipts and Payments and certify it to be correct.  
*Finbury Circus House,*  
*Blomfield Street,*  
*London, E.C.2.*  
 18th January, 1956.

(Sgd.) W. B. KEEN & Co.,  
 Chartered Accountants.



## THE PRESIDENT'S REMARKS

It is customary at this stage for the President to make a few remarks and first of all it is my sad duty to refer briefly to those Fellows who have passed away during the past year. As you will have heard from the Report of the Council, we have lost one Honorary Fellow and 15 Ordinary Fellows.

ROBERT CYRIL LAYTON PERKINS was born on 15th November, 1866, and died on 29th September, 1954. He was elected to the Society in 1903 and was made an Honorary Fellow in 1954. Perkins read classics at Oxford but, coming under the inspiring influence of E. B. Poulton, he gave up classics to study science. In 1891 he was chosen by a committee, appointed by the Royal Society and the British Association for the Advancement of Science, to investigate the land fauna of the Hawaiian Islands and the results of this investigation, subsequently published in the *Fauna Hawaiensis*, brought him world-wide fame. His collecting during the ten years he was engaged on this project was carried out under the most arduous conditions. He was usually alone and it is said that his tent was so small that the more delicate insects were pinned as he sat or lay on the ground. Many of the Microlepidoptera which could not be got back to camp without damage, he pinned on the spot, often under an umbrella.

Later, working in collaboration with O. H. Swezey and F. Muir, he was mainly concerned with the study and control of the pests of sugar-cane by the introduction of natural enemies from their countries of origin. With Albert Koebele, he made the first attempt to control weeds by insects and introduced natural enemies from Mexico for the control of *Lantana*, which was seriously menacing the sugar plantations in the Hawaiian Islands at that time.

In 1912 Perkins was forced to retire on account of ill health and he went to live in Devonshire, where he continued to work on his collections for more than twenty years. He was awarded a Gold Medal by the Linnean Society in 1912 for his eminent services to zoology and in 1920 he was elected a Fellow of the Royal Society. He was a source of great encouragement and inspiration to his fellow workers throughout a long life.

HENRY WILLIAM ANDREWS, born in 1876, was a Fellow of the Society for fifty-six years and served on Council from 1930-32. He was an expert on the British Diptera and was a keen and enthusiastic collector. He was particularly interested in the Trypetidae, on which he published many papers, devoting much attention to their life history and illustrating the range of variation in wing venation. He was also much interested in the Syrphidae and Tabanidae. Andrews was associated with the *Entomologist's Record* for nearly thirty years and played an important part in the production of this magazine; this was typical of his unselfish nature, for the *Record* is devoted chiefly to lepidopterists. He was a regular attendant at the Verrall Suppers for over fifty years and was President of the South London Entomological and Natural History Society in 1929.

Andrews' contributions to entomological science were particularly noteworthy when it is remembered that his occupation in the City of London did not leave him overmuch spare time and he did not retire until he was 69 years of age. He was a conscientious and reliable worker with an extensive knowledge of the continental literature and, although of a modest and retiring nature, always ready to help others.

CHARLES BEAUMONT ANTRAM, who died in 1955 at the age of 81, was elected to the Society in 1908. He was a tea planter in India and later became the first entomologist to the Indian Tea Association, from 1906-11, making a special

study of the pests of the tea bush. The Lepidoptera of India and the neighbouring countries, in particular the Lycaenidae, were his especial interest. He published a book on the *Butterflies of India* in 1924.

ALBERT EUGENE BROOKS, who was born in 1876, was elected to the Society in 1952. He lived in New Zealand, where he was well known in the building trade in Auckland; in later life he took up farming. He was a keen naturalist all his life and published several papers on the Coleoptera in the *Transactions of the Royal Society of New Zealand*. An extensive report on the Coleoptera of the Auckland and Campbell Islands was published by the New Zealand Department of Scientific and Industrial Research.

PATRICK ALFRED BUXTON was born in 1892 and elected to the Society in 1912. He was President in 1942 and again in 1953-54 and he also served on Council for four periods. He was a Fellow of Trinity College, Cambridge, from 1916-21, during which period he completed his medical training and qualified as M.R.C.S., L.R.C.P. in 1917. He saw war service in Mesopotamia and N.W. Persia, and he obtained the Cambridge Diploma in Tropical Medicine and Hygiene in 1921. He then took up an appointment as entomologist to the Palestine Government, which he vacated two years later to lead a medical and scientific expedition to Samoa. This provided the material for his *Researches in Polynesia and Melanesia*, published in two volumes, and his monograph on the *Insects of Samoa*, both classical works. In 1925, he was appointed Director of the Department of Entomology of the London School of Hygiene and Tropical Medicine, and from 1933 onwards he also held the chair of Medical Entomology in the University of London. Throughout this period he made the study of tsetse fly his major preoccupation, culminating in his *Memoirs on Trypanosomiasis in Eastern Africa* published in 1948 and his *History of Tsetse Flies* published only last year. He made many journeys to Africa and elsewhere and, as one of the world's leading authorities on the relations of insects to human and animal disease, his outstanding contributions in this field have been universally recognised. He was elected a Fellow of the Royal Society in 1943, and in 1947 he was made a C.M.G. In 1949 he received the Mary Kingsley Medal of the Liverpool School of Tropical Medicine and, in 1953, he was awarded the Linnean Gold Medal.

Buxton's outlook was invariably original; the study of the living insect, its physiology and its relationship to environment he regarded as of paramount importance and he looked to these studies to supply the problems which, in his view, should be solved in the laboratory. He exercised a strong influence through his teaching at the London School and his world-wide personal contacts, and his advice was constantly sought by committees and councils at home and overseas.

As my predecessor in the Society's Presidential Chair, Buxton was so well known to all of us that it is hard to realise that we shall not see his familiar figure at our meetings again. The wise counsel and acute mind that he brought to bear on its affairs were of inestimable value to the Society. By his passing, at the comparatively early age of 63, we have lost not only one of our most distinguished fellows but a friend who gave sterling service to our Society.

HARRY DINNAGE, who died recently in his 79th year, was originally elected to the Society in 1929. He was a Boer War veteran and served in the Navy in the first World War. Dinnage was a keen Coleopterist who amassed a considerable and representative collection of British beetles. Being a cabinet maker by trade, he had no difficulty in housing his collections suitably. He was a phenological observer for the Royal Meteorological Society and also a member of the British



Empire Naturalist's Association (mid-southern branch) to which he gave lantern lectures. He was a man of genial and friendly disposition.

FRANCIS TRANTHAM GILLIAT was born in 1865 and died on 11th September, 1955. He was elected to the Society in 1904. By profession a member of Lloyds, he made a study of European butterflies, particularly those of Central and Southern Europe. He was especially interested in the Lycaenidae and on his many trips to the Continent made a point of visiting some locality where localised species of this family were known to occur.

CHARLES HERBERT NEWTON JACKSON, who died last summer at the early age of 50, was elected to the Society in 1927. His entire career was devoted to research in East Africa. His first appointment, in 1927, was as zoologist to the Department of Game Preservation in Tanganyika of which C. F. M. Swynnerton was the head. He was one of the band of young men inspired by Swynnerton to work on the tsetse fly and he subsequently became Chief Entomologist in the Tsetse Research Organisation of the East African High Commission.

Jackson was a born naturalist and he spent a great deal of his time in the field away from the amenities of life, and in isolation even from his colleagues. His work on natural populations, for which he will be particularly remembered, arose from this close study of the fly and the problems involved, and has proved an important contribution to the study of ecological problems in the wider sense. The marking technique that he developed, by which accurate data on the release and recapture of marked flies could be recorded, has been a contribution of particular importance. His work, and the close collaboration that he maintained with his colleagues and other scientists, has done much to make tsetse control over large areas a possibility.

Those of you who attended the Sixth Commonwealth Entomological Conference in 1954 will remember the stimulating paper that he gave on that occasion and will realise what a grave loss to tsetse research his passing has meant. His services to science were recognised shortly before his death by the richly deserved award of an O.B.E.

MERVYN GROVE PALMER, who has died at the age of 76, was elected to the Society in 1950. He was Curator of the Ilfracombe Museum which he established and which was opened to the public in 1932. In his earlier days he undertook several collecting expeditions to Colombia, Ecuador and other parts of South America.

ARTHUR WILLIAM RYMER ROBERTS was born in 1879 and was elected to the Society in 1917. He read Law at Cambridge University and became a barrister, but his strong inclination towards science induced him to return to Cambridge and study biology. During the first World War he did research work at Rothamsted Experimental Station, mainly on Aphids and wire-worms. Later, he entered the Molteno Institute for Parasitology, where he worked until 1940. He will be best remembered for his *Key to the Principal Families of Coleoptera in the Larval Stage*, published in 1930, which is still widely used, and for his paper on Erotylid larvae that appeared in 1939.

ARCHIBALD GEORGE BLOMEFIELD RUSSELL, Clarenceux King of Arms, who was 76 years of age when he died, was elected a Fellow of the Society in 1928. He was one of the band of enthusiastic amateur entomologists who had a most distinguished career in other fields. He held a series of high appointments under the Crown and was appointed Clarenceux King of Arms in 1954. He was a

collector and fine judge of drawings and prints, and his work on *The Engravings of William Blake* placed him in the front rank as a critic of this branch of the arts. In addition to his artistic interests, he had a lifelong interest in entomology, particularly in moths, of which he built up an extensive collection. He was a Fellow of the Society of Antiquaries and a Companion of the Royal Victorian Order.

I have very little information regarding Mr. I. H. WELSH beyond the fact that he was elected to the Society in 1951. He was Curator of Parks and Gardens to the Bathurst City Council, New South Wales, and he was also a Justice of the Peace.

Mrs. ILSE MARIE THECLA WELTI, who was born in 1896, was elected to the Society in 1933. The Lepidoptera were her particular interest and most of you will remember her as a regular attendant at our meetings. A staunch friend and supporter of the Society, she made a small bequest to it in her will.

GEORGE S. WOODCOCK, born in 1886, was elected to the Society in 1943. He was employed by a firm of insecticide manufacturers as an entomologist. He was either a Fellow or member of several societies and was a keen horticulturist, specialising in the cultivation of roses and irises.

GEORGE CALTHORPE WOODWARD was born in 1882 and was elected to the Society in 1925. He was particularly interested in butterflies and moths, starting to collect as a schoolboy and continuing to add to his collections until the time of his death. He was a Captain in the Royal Navy and, travelling all over the world, he collected wherever he went. His collection, comprising over 40,000 specimens, some of them exceedingly rare, has been presented by his widow to the Royal Albert Museum at Exeter.

I have given you short factual statements on the life and work of these late Fellows. The published obituary notices that I have read speak of the affection and respect in which they were held and some of them were our personal friends. I ask you now to stand for a moment as a tribute to their memory.

You will have gathered from the Report of your Council and from the Hon. Treasurer's remarks that the Society is in a sound and healthy state. It is all the more satisfactory when one remembers that there have been some unusual features to face during the past year; these have been referred to either in the Report or by the Hon. Treasurer and there is no need for me to enlarge on them further. I have, however, one or two remarks that I should like to make.

The issue of the Karl Jordan volume, in addition to the normal run of publications, imposed a very heavy burden on the Editor. You will all have received your copy of the Jordan volume by now and I am sure you will agree that the greatest credit is due to Mr. Balfour-Browne, and to our Registrar, Miss Evans, for their splendid work in the preparation of this memorable volume. It is gratifying to learn that the sales of this volume at the moment stand at about £1000 and that, even apart from this, the figure for the sales of our publications has achieved a record this year. This is an indication of the high esteem in which they are held in the entomological world. One has to bear in mind, however, that printing costs are continually increasing and it remains to be seen whether the increase in sales will be able to keep pace with that of printing costs. The ceiling for sales may well be reached before printing costs become stabilised.

You may remember that in the course of his remarks at the last Annual



General Meeting, the late Prof. Buxton pointed out that the rate of increase in the number of Fellows was probably beginning to fall off. The figures for the past year seem to support that view and it does appear that the membership will tend to become stable in a few years' time.

Although I draw your attention to these points, I know Council has them very much in mind. Our General Meetings provide a forum where amateur and professional entomologists foregather to their mutual benefit (and in this connection you will have noted with satisfaction that the average attendance has been 95 as against 90 in the previous year), but there are very many Fellows who cannot attend our meetings, or only on very rare occasions, and our publications are of particular importance and value to them.

The departure of the Commonwealth Institute of Entomology, who had been the Society's tenants in this building for thirty-four years, created somewhat of an upheaval. As Director of the Institute on the one hand and President of the Society on the other I felt rather like Pooh Bah. I am glad to say, however, that the Director hit it off fairly well with the President and matters were arranged most amicably with your Officers. As a result everything went off very smoothly. The Society now has the additional space it needed so badly and suitable tenants have been found for the two top floors.

May I, in conclusion, thank you for the honour you have done me in electing me as your President for a second year. The next item on the agenda is a vote of thanks to the Officers, but I should first like to express my personal thanks to the Hon. Secretary, Treasurer, Editor, Registrar and members of the staff for the generous support and kindness that they have accorded me throughout the year. Finally I should like to express my personal thanks to the members of the Society's Council and Committees for their unfailing support.

## BENEFACCTIONS.

*List of Donations of the amount or value of Twenty pounds and upwards.*

1852.

Miss BROMFIELD, 67 volumes from the library of W. A. Bromfield.

1861.

H. T. STANTON, towards cost of alterations of premises, £25.

1864.

J. W. DUNNING, £123 5s.\*

1867.

The same, towards cost of publications, £105.

1868.

H. J. FUST, towards the cost of his paper on Geographical Distribution, £25.  
The ROYAL SOCIETY, for the same, £25.

1869.

J. W. DUNNING, £50.  
W. W. SAUNDERS, cost of drawing and engraving 24 plates for Pascoe's "Longicornia Malayana."

1870.

J. W. DUNNING, £20.  
The same, the entire stock of eight vols. of the Transactions.

1872.

The same, towards cost of publications, £50.

1875.

The same, cost of removal of Library and new book-cases, £99 17s. 4d.

1876.

The same, towards cost of publications, £150.

1879.

H. T. STANTON, £20 10s. 6d.

1880.

The same, £20.

1881.

J. W. DUNNING, towards cost of publications, £40.  
H. T. STANTON, for the same, £25.

1882.

The same, £30.

1883.

The same, £35.

\* It has not always been possible to find the exact purpose for which the earlier money gifts were intended, but they appear to have been usually in support of the publications.



## 1884.

J. W. DUNNING, £50.

H. T. STANTON, £40.

W. B. SPENCE, his late father's library.

## 1885.

J. W. DUNNING, £35.

The same, the whole cost of the Society's Charter.

## 1893.

The same, towards cost of publishing the Library Catalogue, £25.

## 1894.

The same, £45.

The Misses SWAN, £250 for the "Westwood Bequest," the interest to be used for plates in the Transactions.

F. D. GODMAN (in this and subsequent years), "Biologia Centrali-Americana."

## 1898.

Mrs. STANTON, about 800 volumes and pamphlets from H. T. Stanton's Library.

## 1899.

S. STEVENS, Legacy, £100.

## 1902.

G. W. PALMER, M.P., towards cost of printing G. A. K. Marshall's paper on the Bionomics of African Insects, £30.

Prof. E. B. POULTON, towards cost of plates, £65.

## 1903.

H. J. ELWES, cost of plates to illustrate his paper on the Butterflies of Chile, £36 18s. 2d.

F. D. GODMAN, cost of plates to illustrate his paper on Central and S. American Erycinidae.

## 1904.

H. L. L. FELTHAM, towards cost of plates for R. Trimen's paper on S. African Lepidoptera, £20.

## 1906.

The same, towards cost of plates for R. Trimen's paper on African Lepidoptera, £20.

## 1908.

E. A. ELLIOTT (in this and subsequent years), Wytman's "Genera Insectorum."

## 1909.

CH. OBERTHÜR (in this and subsequent years), his "Lépidopterologie comparée."

## 1910.

Dr. T. A. CHAPMAN, towards cost of plates for his papers on Life-histories of Lepidoptera, £25.

## 1911.

Sir G. KENRICK, Bart., cost of plates for his paper on Butterflies of Dutch New Guinea, £54.

## 1912.

Dr. T. A. CHAPMAN, cost of plates for his papers on Life-histories of Lepidoptera, £35 6s. 5d.

## 1913.

The ROYAL SOCIETY, towards the publication of D. Sharp's paper on the Genitalia of Coleoptera, £60.

## 1914.

F. D. GODMAN, cost of plates for G. C. Champion's papers on Mexican and Central American Coleoptera, £22 7s. 6d.

G. T. BETHUNE-BAKER, cost of 12 plates illustrating his Presidential Address.

## 1915.

J. J. JOICEY, cost of plates for his papers on Lepidoptera from Dutch New Guinea, £82 11s.  
Dr. G. B. LONGSTAFF, cost of plates for Dr. Dixey's paper on New Pierines, £32.

## 1916.

Dr. T. A. CHAPMAN, for plates, £68 7s. 3d.

## 1917.

Mrs. MELDOLA, for books for the Library, £31 10s.  
E. E. GREEN, large binocular microscope.

## 1919.

Dr. T. A. CHAPMAN, F.R.S., cost of plates to illustrate his papers, £56 19s. 3d.

## 1920.

Donations in aid of the purchase of 41, Queen's Gate—

Dr. G. B. LONGSTAFF, £1000.

The Honble. N. C. ROTHSCHILD, £500.

Dr. H. ELTRINGHAM, Sir G. H. KENRICK, The Rev. F. D. MORICE, W. G. SHELDON, each £100.

R. ADKIN, G. T. BETHUNE-BAKER, Dr. T. A. CHAPMAN, W. M. CHRISTY, H. MASSEY, Prof. E. B. POULTON, each £50.

B. H. CRABTREE, E. E. GREEN, Dr. G. A. K. MARSHALL, G. A. J. ROTHNEY, each £25.  
H. E. ANDREWES, £21.

H. J. ELWES, E. B. NEVISON, G. T. PORRITT, O. WHITTAKER, each £20.

Dame ALICE GODMAN, book-shelves and fittings for the Library.

J. J. JOICEY, in aid of the furnishing of 41, Queen's Gate, £100.

Dr. T. A. CHAPMAN, F.R.S., cost of plates to illustrate his paper, £30.

## 1921.

Donations in aid of the purchase of 41, Queen's Gate—

The Rt. Hon. LORD ROTHSCHILD, £105.

W. M. CHRISTY, £50, making with a similar donation in 1920, £100 in all.

W. G. F. NELSON, £63, reduction of solicitor's charges.

W. J. KAYE, £50.

W. SCHMASSMAN, £50.

R. ADKIN, £40, cancellation of debentures drawn.

E. C. BEDWELL, £28 7s. 6d., reduction of surveyor's charges.

H. WILLOUGHBY ELLIS, £26 5s.

Lt.-Col. R. S. WILSON, £25.

H. ST. JOHN K. DONISTHORPE, £21.

Miss E. F. CHAWNER, £20.

Sir JOHN T. D. LLEWELYN, Bart., £20.

K. J. MORTON, £20.

J. J. JOICEY, Lantern and Stand for the Meeting Room.

Dr. T. A. CHAPMAN, F.R.S., £29 5s., to illustrate his paper in the Transactions, 1920.

The Rt. Hon. LORD ROTHSCHILD, £22 15s. 4d., cost of plates in the Proceedings for 1920.

JESUS COLLEGE, OXFORD, through Prof. E. B. POULTON, F.R.S., £100.

## 1922.

Donations in aid of the purchase of 41, Queen's Gate—

The Misses CHAPMAN, in memory of their brother, the late Dr. T. A. Chapman, F.R.S., £500.

G. A. J. ROTHNEY (bequest), £150.

R. ADKIN, £70, cancellation of debentures drawn.

E. E. GREEN, £25 (making £50 in all).

W. H. B. FLETCHER, £25.

Sir A. BUCHAN-HEPBURN, Bart., £20.

E. W. ADAIR, £20.

The Misses CHAPMAN, two bookcases.

## 1923.

Donations in aid of the purchase of 41, Queen's Gate—

The Honble. N. C. ROTHSCHILD (bequest), £1000.

R. ADKIN, £90, cancellation of debentures drawn (making £200 in all).

A. C. F. MORGAN, £20.

H. J. TURNER, £20.



## 1924.

Donations in aid of the purchase of 41, Queen's Gate—

E. D. BOSTOCK, £21.

Miss M. E. FOUNTAINE, £20.

H. H. C. J. DRUCE (bequest), £1000, interest to be spent on new books.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £130 15s. 4d.

JESUS COLLEGE, OXFORD, through Prof. E. B. Poulton, F.R.S., £125.

H. WILLOUGHBY ELLIS, contribution towards new electric light installation at 41, Queen's Gate, £50.

## 1925.

A. H. JONES (bequest), £100.

G. T. BETHUNE-BAKER, £30, towards the cost of the plates in his paper.

E. A. ELLIOTT, in continuation of his practice since 1908, Wytzman's "Genera Insectorum," amounting to a total value of £225.

THE ROYAL SOCIETY, £100, towards the cost of Mr. H. S. Pruthi's paper.

## 1926.

THE ROYAL SOCIETY, £150, towards the cost of Mr. Warren's paper.

## 1927.

Rev. F. D. MORICE (bequest), £200.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £40 16s.

## 1928.

R. W. LLOYD, the entire cost of the panelling and ceiling in the new Meeting Room, together with the Presidential Desk and Chair.

Col. J. W. YERBURY (bequest), £50.

## 1929.

THE EMPIRE MARKETING BOARD, £96 8s. 5d., the entire cost of Mr. B. P. Uvarov's paper.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £85 11s.

THE ROYAL SOCIETY, £90, towards the cost of Mr. F. W. Edwards' paper.

## 1930.

R. ADKIN, the entire cost of the epidiascope and screen.

Dr. K. JORDAN, £50 donation in aid of building the new Meeting Room.

H. WILLOUGHBY ELLIS, £50 donation in aid of building the new Meeting Room.

Dr. R. STEWART MACDOUGALL, £110, being the cost of a bookcase and table for the Library, in memory of his wife.

JESUS COLLEGE, OXFORD, through Professor E. B. Poulton, F.R.S., £25.

Mdme. A. DE HOBREACK-FOURNIER, cost of plate illustrating Mr. Lathy's paper, £20 5s.

THE TRUSTEES OF THE CARNEGIE (U.K.) FUND, £500 for the purchase of books for the Library. Mrs. EATON, a selection of books from the Library of her husband.

E. A. ELLIOTT, in continuation of his practice since 1908, Wytzman's "Genera Insectorum."

P. I. LATHY, "Thèses entomologiques," copy No. 2, including a proof set of the plates uncoloured.

## 1931.

EMPIRE MARKETING BOARD, towards the cost of Mr. B. P. Uvarov's paper, £231.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £110.

JESUS COLLEGE, OXFORD, through Prof. E. B. Poulton, F.R.S., £20.

BOARD OF THE CARNEGIE FUND IN SOUTH AFRICA, the entire cost of the plates illustrating Prof. A. J. T. Janse's paper.

## 1932.

Prof. R. MELDOLA (bequest), £450.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Prof. J. Mark Baldwin, £50

JESUS COLLEGE, OXFORD, through Prof. E. B. Poulton, F.R.S., £30.

Dr. F. MORTON JONES, cost of plate illustrating his paper, £20 10s.

Donations to Centenary Fund—

Fleet-Paymaster T. BAINBRIGGE FLETCHER, R.N., £35.

C. W. Mackworth PRAED, £26 5s.

R. ADKIN, £25.

Prof. W. A. F. BALFOUR-BROWNE, F.R.S.E., £20.

Dr. H. ELTRINGHAM, F.R.S., £20.

## 1933.

Donations to Centenary Fund—

Prof. E. B. POULTON, F.R.S., £100.

Prof. W. A. F. BALFOUR-BROWNE, F.R.S.E., £20, making with a similar donation in 1932, £40 in all.

H. WILLOUGHBY ELLIS, £20.

LORD ROTHSCHILD, F.R.S., £20.

EMPIRE MARKETING BOARD, towards the cost of the paper by O. W. Richards and W. S. Thomson, £75.

THE HIGH COMMISSIONER FOR INDIA, towards the cost of the paper by U.S. Sharga, £30.

## 1934.

THE ROYAL SOCIETY, £75, towards the cost of Dr. O. W. Richards' paper.

## 1935.

R. ADKIN (bequest), £250, and a selection of the books from his library.

R. W. LLOYD, the entire cost of Jacob Huebner's collection of manuscripts, plates and drawings.

C. B. HOLMAN-HUNT (bequest), £100, for the Library.

THE ROYAL SOCIETY, £70, towards the cost of Prof. G. D. Hale Carpenter's paper.

Fleet-Paymaster T. BAINBRIGGE FLETCHER, R.N., a selection of the books from his library.

H. G. CHAMPION, a selection of books from the library of the late G. C. Champion.

## 1936.

THE TRUSTEES OF THE HERBERT SPENCER ESTATE, £1241, being one-twelfth part of the residuary estate of Herbert Spencer.

THE GOVERNMENT OF TANGANYIKA TERRITORY, £330, towards the cost of Mr. C. F. M. Swynnerton's paper.

Miss C. LONGFIELD, £33 15s., being the cost of her paper.

THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND, £23 13s., towards the cost of Mr. R. Carrick's paper.

## 1937.

THE ROYAL SOCIETY, £100, towards the cost of Mr. Francis Hemming's book on *Jacob Hübner*.

## 1938.

THE ROYAL SOCIETY, £72, towards the cost of Prof. C. E. Mickel's paper.

## 1939.

W. S. GILLES (bequest), £2000.

J. J. WALKER (bequest), £100.

R. W. LLOYD, £20, towards the cost of purchase of a set of the *Journal of the Asiatic Society of Bengal*.

Dr. R. VERITY, the cost of 8 plates illustrating his paper.

THE IMPERIAL INSTITUTE OF ENTOMOLOGY, Locust Research Fund, £100, towards the cost of Dr. J. S. Kennedy's paper.

THE ROYAL SOCIETY, £80, towards the cost of Dr. O. W. Richards' paper.

## 1940.

W. S. GILLES (bequest), £1600.



## 1941.

Dr. L. G. HIGGINS, £200, towards the cost of his paper.

W. S. GILLES (bequest), £101 11s. 4d.

Miss M. E. FOUNTAINE (bequest), £100.

Miss JANET RIDDELL, £50, towards the cost of her paper.

THE ROYAL SOCIETY (on behalf of the Rockefeller Foundation Gift in aid of Scientific Publications), £50.

## 1942.

THE ROYAL SOCIETY, £100, from the Government Publications Fund towards the cost of Dr. C. B. Williams' paper.

THE ROYAL SOCIETY, £100, from the Rockefeller Foundation Gift in aid of Scientific Publications.

The Estate of the late D. S. WILKINSON, £200, towards the cost of publishing Lieut. Wilkinson's paper on *Apanteles*.

## 1943.

THE ROYAL SOCIETY, £100, from the Government Publications Fund.

THE ROYAL SOCIETY, £200, from the Rockefeller Foundation Gift in aid of Scientific Publications.

## 1944.

THE ROYAL SOCIETY, £250, from the Rockefeller Foundation Gift in aid of Scientific Publications.

THE EGYPTIAN GOVERNMENT, £115, towards the cost of Dr. A. A. G. Hassan's paper.

Prof. G. D. HALE CARPENTER, £50, from the E. B. Poulton Fund towards the cost of the paper by himself and Dr. B. M. Hobby.

## 1945.

THE ROYAL SOCIETY, £330, from the Government Grant in aid of Scientific Publications.

THE ROYAL SOCIETY, £250, from the Rockefeller Foundation Gift in aid of Scientific Publications.

## 1946.

THE ROYAL SOCIETY, £240, from the Government Grant in aid of Scientific Publications.

Prof. T. D. A. COCKERELL, £200, donation to Library Catalogue Fund.

Mr. H. E. ANDREWES, his entire library of works on Coleoptera.

## 1947.

THE ROYAL SOCIETY, £600, from the Government Grant in aid of Scientific Publications towards the cost of the *Handbooks on British Insects*.

TRINITY COLLEGE, DUBLIN, £50, towards the cost of Dr. B. P. Beirne's paper.

THE ROYAL SOCIETY, £364 3s. 6d., from the Government Grant in aid of Scientific Publications, being the cost of Dr. J. W. Evans' paper.

## 1948.

THE ROYAL SOCIETY, £366, from the Government Grant in Aid of Scientific Publications. HUGH MAIN (bequest), £100.

AN ANONYMOUS FELLOW, £52 10s. towards the purchase of books for the Library.

THE ANTI-LOCUST RESEARCH CENTRE, £50, towards the cost of Dr. B. P. Uvarov's paper.

THE EAST AFRICAN TSETSE RESEARCH ORGANISATION, £21 13s. 8d., being the cost of the plates illustrating Dr. C. H. N. Jackson's paper in *Proceedings Series A*.

C. J. WAINWRIGHT (bequest), a first selection of the books from his library and the whole of his large collection of reprints.

## 1949

THE ROYAL SOCIETY, £250, from the Government Grant in aid of Scientific Publications towards the cost of the Rev. C. E. Tottenham's paper.

THE E. B. POULTON FUND FOR THE STUDY OF EVOLUTION, £200, towards the cost of the coloured plates illustrating Professor G. D. Hale Carpenter's paper.

Mr. R. W. LLOYD, £116 7s. 9d., being the balance of the cost of the coloured plates illustrating the above paper.

Dr. F. L. VANDERPLANK, £52 10s. 4d., being the cost of the coloured and half-tone plates illustrating his papers in *Proceedings Series B*.

## 1950.

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